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U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

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## SECTION I

|   |         |  |
|---|---------|--|
| MANUFACTURER'S NAME<br><b>Turco Products, Inc.</b>  |         | EMERGENCY TELEPHONE NO.<br><b>(213) 634-3300</b> |
| ADDRESS (Number, Street, City, State, and ZIP Code)<br><b>24600 South Main Street, Carson, California 90745</b> |         |  |
| CHEMICAL NAME AND SYNONYMS<br><b>Turco Fluro Chek WP-100 MD</b>   |         | TRADE NAME AND SYNONYMS<br><b>Penetrant</b>      |
| CHEMICAL FAMILY   | FORMULA |  |

## SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS                                    | % | TLV (Units) | ALLOYS AND METALLIC COATINGS           | %     | TLV (Units) |
|--|---|-------------|--|-------|-------------|
| PIGMENTS   |   |             | BASE METAL                             |       |             |
| CATALYST   |   |             | ALLOYS                                 |       |             |
| VEHICLE  |   |             | METALLIC COATINGS                      |       |             |
| SOLVENTS   |   |             | FILLER METAL PLUS COATING OR CORE FLUX |       |             |
| ADDITIVES  |   |             | OTHERS                                 |       |             |
| OTHERS   |   |             |  |       |             |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES                |   |             |  | %     | TLV (Units) |
| Petroleum distillate   |   |             |  | 60-70 | 300PPM      |
| Other ingredients not defined as hazardous by the U.S. Dept of Labor |   |             |  |       |             |
| Carcinogens  |   |             |  |       | None        |

## SECTION III - PHYSICAL DATA

|                         |                                     |       |                                       |             |
|-------------------------|-------------------------------------|-------|---------------------------------------|-------------|
| BOILING POINT (°F.)     | Approx.                             | 350°F | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 0.92        |
| VAPOR PRESSURE (mm Hg.) | Less than                           | 20mm  | PERCENT, VOLATILE BY VOLUME (%)       | 80%         |
| VAPOR DENSITY (AIR=1)   | More than                           | 1     | EVAPORATION RATE (butyl acetate)      | Less than 1 |
| SOLUBILITY IN WATER     | Moderate                            |       |                                       |             |
| APPEARANCE AND ODOR     | Clear yellow liquid, petroleum odor |       |                                       |             |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                                    |                               |                  |     |     |
|------------------------------------|-------------------------------|------------------|-----|-----|
| FLASH POINT (Method used)          | 190°F T.O.C.                  | FLAMMABLE LIMITS | Let | Uel |
| EXTINGUISHING MEDIA                | Carbon dioxide, chemical foam |                  |     |     |
| SPECIAL FIRE FIGHTING PROCEDURES   | As for petroleum fire         |                  |     |     |
| UNUSUAL FIRE AND EXPLOSION HAZARDS |                               |                  |     |     |

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Slight irritation to respiratory tract

EMERGENCY AND FIRST AID PROCEDURES

Skin contact; wash with soap and water.

Eye contact; flush with water, obtain medical attention if irritation persists. Ingestion; do not induce vomiting, obtain med. attention.

### SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Avoid strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up spillage

WASTE DISPOSAL METHOD

As for petroleum distillate

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

X

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

X

OTHER PROTECTIVE EQUIPMENT

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Transport and store in closed containers at temperatures below 90°F

OTHER PRECAUTIONS